



### Measurement Accuracy

#### Today's Standard

HSN.Q.A3 - Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.

#### Real-World Applications for this Standard

Determining the precision needed for scientific experiments.; Calculating the appropriate level of accuracy in financial reports.; Choosing the right measurement tools for construction projects.; Evaluating the precision required in medical dosing.

#### Today I Learned

Today, we learned about how to choose the right level of accuracy when measuring things. This helps make sure our measurements are useful and not too complicated.

#### Common Stumbling Blocks

Sometimes, kids think that being more precise is always better, but that's not true. They might also think that accuracy doesn't matter, but it really does.

#### Quiz Me

- What is accuracy?
- Why do we need the right level of accuracy?
- What are significant figures?
- Can too much precision be bad?
- Why is accuracy important?

#### Help Me

Choosing the right level of accuracy means we measure things just right—not too much and not too little. This helps us make sure our measurements are helpful and correct, like when cooking or doing science experiments.